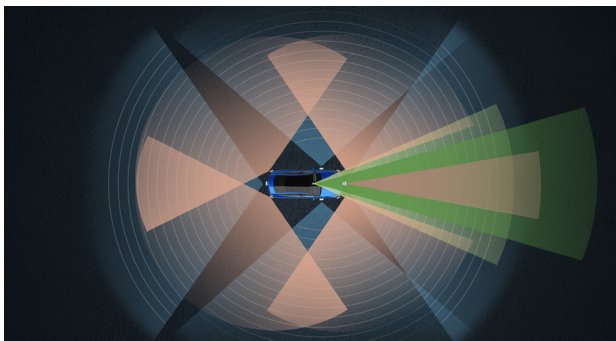




TOYOTA'S ADVANCED DRIVE is state-of-the-art driver assist technology. It provides the driver with information and driving assistance while on supported controlled access freeways, all under the driver's supervision. Advanced Drive is designed to help reduce driver fatigue during prolonged driving so that the driver may be able to pay better attention to the surroundings, providing a comfortable ride and peace of mind.



ADVANCED DRIVE uses high-definition map data and a variety of vehicle sensors to help determine road conditions, identify objects around the vehicle and pinpoint the vehicle's location.

- Forward-looking cameras
- Radar sensors
- LiDAR sensors

THE SYSTEM ALSO MONITORS the driver's status... if their hands are on the wheel, their eyes are open or closed, the direction they are looking and driving posture.

ONCE ON THE HIGHWAY, the Advanced Drive system constantly monitors the surrounding conditions, and can provide controlled driving operation, up to 10 minutes at a time, until exiting the expressway.

The Advanced Drive system is designed to assist the driver by helping to:

- Keep the vehicle in its lane
- Maintain forward distance from other vehicles
- Pass slower vehicles
- Change lanes
- Navigate lane splits
(when a destination is set in the navigation system)
- Manage speed around curves

WHEN USING GUIDED NAVIGATION, lane changes and highway-to-highway transitions can be performed by the Advanced Drive system to help the driver reach the destination, while considering traffic and other conditions.

WHEN ADVANCED DRIVE is operating, the instrument cluster and head-up display show information about vehicle status, surrounding conditions and the system's driving plan. While Advanced Drive can operate the accelerator, brakes, and steering during controlled driving, the driver is still able to take control to perform these driving operations at any time, if desired.

